

Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-03150
5. Indicate Type of Lease STATE [X] FEE [ ]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name South Vacuum Unit
8. Well Number 351 SWD
9. OGRID Number 331595
10. Pool name or Wildcat [96101] SWD; DEVONIAN
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3869

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [X] Gas Well [ ] Other [ ]
2. Name of Operator Franklin Mountain Energy 3, LLC
3. Address of Operator 44 Cook Street, Suite 1000, Denver, CO 80206
4. Well Location Unit Letter G : 1980 feet from the N line and 1980 feet from the E line
Section 35 Township 18S Range 35E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3869

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
OTHER: Cement Squeeze [X]

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Franklin Mountain Energy3, LLC (FME3), Operator of the above captioned well, completed the well work as described below. Moved onto well for Step Rate Test. Performed backside test prior to pulling injection string and pressure did not hold. Moved in rig and scanned out with 3.5" IPC injection string. Ran in hole with mill to clean to bottom. Picked up packers to test casing. Found leak/holes between 8,877'-9,074'. Pumped cement squeeze into holes. Drilled out cement and circulated the well clean. RIH w/ clean scanned and new joints of 3.5" IPC injection string and nickel coated 5.5" packer. Set packer at 11,550' and notified state 24 hours in advance of MIT. Performed successful MIT on 4/21/2023. Moved in and performed step rate test on 4/25/2023.

Spud Date: 9/8/1957

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Dir. Ops Planning & Regulatory DATE 11/21/2023

Type or print name Rachel Overbey E-mail address: roverbey@fmellc.com PHONE: 303-570-4057

For State Use Only

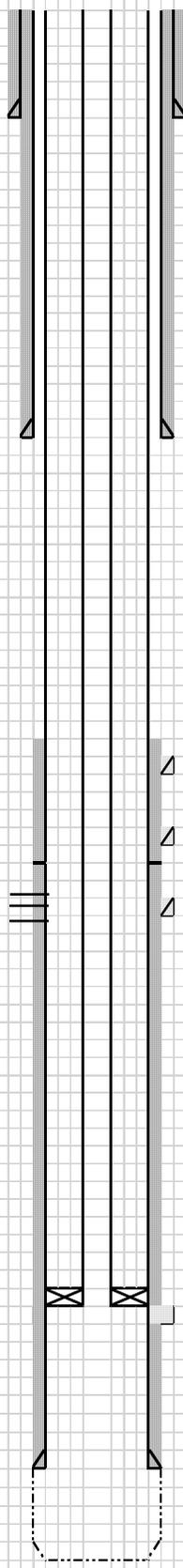
APPROVED BY: [Signature] TITLE Compliance Officer A DATE 11/27/23

Conditions of Approval (if any):

Well Name:	<b>South Vacuum 351 SWD</b>
AFE #	
	<b>Location:</b>
Footage:	1980' FNL, 1980' FEL
Section:	35
Block:	xxx
Survey:	xxx
County:	LEA
Lat:	32.7051162
Long:	-103.4258499
	<b>Elevations:</b>
GL:	3869'
KB:	
KB-GL Calc:	
ck w/log?	xxx

Updated:  
4/25/2023

**PROPOSED**  
**Wellbore Diagram**



Well Name:	South Vacuum 351 SWD
API No:	30-025-03150
Spud Date:	9/8/1957

Hole Size: 15"  
Surf Csg: 11.75" 42 lb/ft @ 342'  
Lead Cement Blend: 350 sxs

Tail Cement Blend:

Returns:

TOC: Surface

Hole Size: 11"  
Int Csg: 8.625" 32 lb/ft @ 3767'

Lead Cement Blend: 500 sxs

Tail Cement Blend:

Returns:

TOC:

Hole Size: 7.875"  
Prod Csg: 5.5" 20 and 17 lb/ft @ 11,846'

Capacity (bbl/ft): NA  
Preflush:

Lead Cement Blend: 340 sxs

Tail Cement Blend:

Returns:

Displacement Inc:

TOC original est. 8500'

Perf: 7,543'-7,575' - Squeezed 6/20/2011

Perf: 8,113'-8,618' - Squeezed 9/15/2005

Original TOC 8,500'

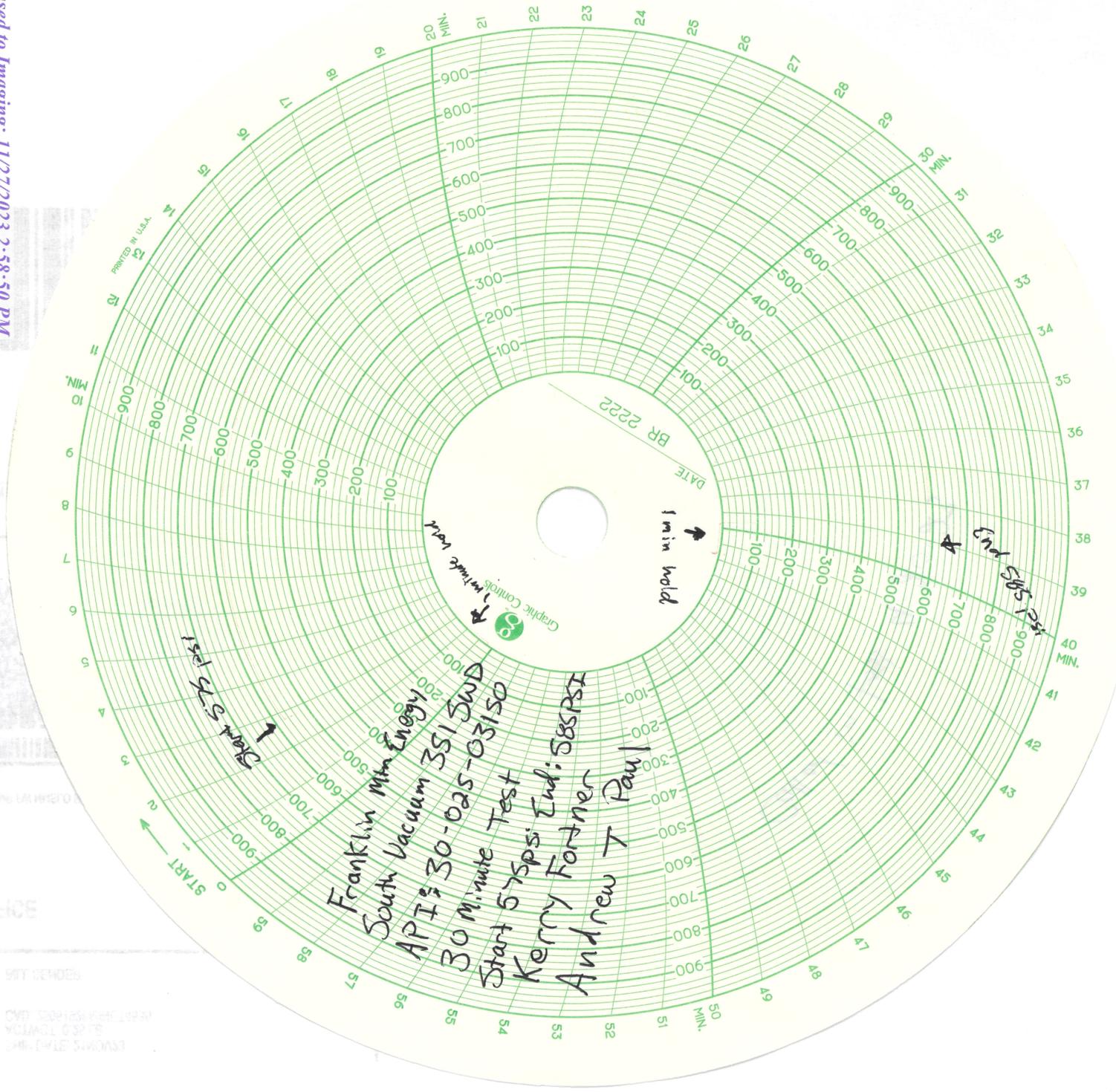
Perf: 8,892'-8,902' - Squeezed 2/13/1999

Holes found at 8,877'-9,074' - Squeezed 4/17/2023  
Successful MIT performed on 4/21/2023

3.5" IPC Injection String  
Packer @ 11,550'  
Perf (Devonian): 11,643'-11,680'

11,846'

Devonian Open Hole 11,846' to 12,030'





Called in test 4-20-23

EDWARDS STADIUM  
 500 S. TAVELIA  
 DEPT. OF RECREATION AND  
 PARKS  
 90001-1100

NOV 21 2023  
 11:16:39 AM

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 287678

**CONDITIONS**

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 287678
	Action Type: [C-103] Sub. Workover (C-103R)

**CONDITIONS**

Created By	Condition	Condition Date
kfortner	None	11/27/2023